S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
165	63/160 directions of the Engineer-In-charge of the work							
	1st Bill							
	nlets pipes-7 rows each 1 Row 10 Nos		70			70		
						70		
	A) Qty upto 125%					63	1000.00	63000.00
	Sanctioned Qty	50.00					No.	
	25% Extra Qty	12.50				7	1000.00	7000.00
	Total	62.50					No.	
	Say	63.00						
	Tender Quoted Rates	1000.00						
	B) Qty Above 125%							
	Executed Qty	70.00						
	Deduct upto 125%	62.50						
	Balance Qty	7.50						
	Say	7.00						
	Tender Quoted Rates	1000.00						
166	63/200 directions of the Engineer-In-charge of the work							
	ITEM NOT OPERATED							
167	Supply, installtion, testing and commissioning of STARTING BLOCKS FIBREGLASS 400 mm height non slip finish 0.5x 0.5m with nos 1 to 9 with anchoring fixtures directions of the Engineer-In-charge of the work							
	2nd Bill							
			9			9		
						9	40000.00	360000.00
							No.	
	Tender Quoted Rates	40000.00						
	SANITARY FITTINGS & FIXTURES							
168	Providing and fixing of white colour vitreous China clay water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, PVC flushing cistern(all are approved make) with fittings, CI / MS brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangments with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification							
	ITEM NOT OPERATED							
169	Providing and fixing of white colour vitreous China clay,water closet **European type** (pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,PVC flush cistern (all are approved make) with fitting CI/MS brackets, 40mm diameter flush bend with fittings and clamp, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 (P.no74,lt no.12.5)							
	ITEM NOT OPERATED							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
170	Providing and fixing of white colour vetreous China clay flat back. lipped front **urinal basin** of 430x260x350mm with 5 litres PVC automatic flushing cistern, CI /MS brackets, standard flush pipe and CP brass spreaders with brass unions and GI clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11(P.no 75,It no.12.7)							
	ITEM NOT OPERATED							
171	Providing and fixing of white colour vetreous China clay flat back **wash basin** size 630x450mm with a single 15mm CP brass piller tap with CI / MS brackets, 32 mm CP brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 (P.no78 It.no.12.24)							
	ITEM NOT OPERATED							
172	Providing and fixing 600x450mm bevel lead **edge mirror** of superior glass with 6mm hard board backing and fixed to wooden cleats with CP screws, washers, including cost of materials, labour complete as per specifications.(P.no 79,It no.12.39)							
	ITEM NOT OPERATED							
173	Providing and fixing C.P brass **towel rail** 740mm length, 20 mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specification.(P.no 80,It no.12.45)							
	ITEM NOT OPERATED							
174	Providing and fixing 15mm dia C.P angle stop cock with wall flange							
	ITEM NOT OPERATED							
175	Providing and fixing 32mm dia C.P bottle trap							
	ITEM NOT OPERATED							
176	Providing and fixing 15mm dia flexible hose pipe connecting angle stop cock and the pillar cock or cistern							
	ITEM NOT OPERATED							
177	Providing and fixing 15mm dia C.P Push cock with C.p wall flange.							
	ITEM NOT OPERATED							
178	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. No. KBS (P.no 88,It no.13.27)							
	ITEM NOT OPERATED							
179	Providing and fixing in position brass bib cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. (P.no 88,It no.13.23)							
	ITEM NOT OPERATED							
180	Providing and fixing wall mounting type CP soap dish . The cost to include all fittings and fastenings all complete as required							
	ITEM NOT OPERATED							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
181	Providing & fixing heavy cast brass C.P coat hooks fixed with rawl plugs with C.P brass screws all complete as required							
	ITEM NOT OPERATED							
182	Providing & fixing of C.P shower rose and shower arm with flanges, connecting shower rose with hot water and cold water connection from stop cocks, all complete as required.							
	ITEM NOT OPERATED							
WATER SUPPLY WORKS								
183	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). (Pag no 94,Item no13.87.2,3,4,5,6,7,8)							
	ITEM NOT OPERATED							
184	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). (Pag no 94,Item no13.87.2,3,4,5,6,7,8)							
	ITEM NOT OPERATED							
185	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). (Pag no 94,Item no13.87.2,3,4,5,6,7,8)							
	ITEM NOT OPERATED							
186	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). (Pag no 94,Item no13.87.2,3,4,5,6,7,8)							
	ITEM NOT OPERATED							
187	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). (Pag no 94,Item no13.87.2,3,4,5,6,7,8)							
	ITEM NOT OPERATED							
188	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRB(Pag no 93. Itm no13.85.2,3,4,5,6) -							
	ITEM NOT OPERATED							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
189	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRB(Pag no 93. Itm no13.85.2,3,4,5,6) -							
	ITEM NOT OPERATED							
190	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRB(Pag no 93. Itm no13.85.2,3,4,5,6) -							
	ITEM NOT OPERATED							
191	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRB(Pag no 93. Itm no13.85.2,3,4,5,6) -							
	ITEM NOT OPERATED							
192	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRB(Pag no 93. Itm no13.85.2,3,4,5,6) -							
	ITEM NOT OPERATED							
193	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc).KSRB(Page no 93. Itm 13.86) -							
	ITEM NOT OPERATED							
194	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc).KSRB(Page no 93. Itm 13.86) -							
	ITEM NOT OPERATED							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
195	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc).KSRB(Page no 93. Itm 13.86) -							
	ITEM NOT OPERATED							
196	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specificationsKSRB(Pag no 88. Itm 13.22)							
	ITEM NOT OPERATED							
197	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification. KSRB(Pag no 89. Itm 13.42)							
	ITEM NOT OPERATED							
198	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification. KSRB(Pag no 89. Itm 13.42)							
	ITEM NOT OPERATED							
199	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification. KSRB							
	ITEM NOT OPERATED							
200	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB							
	ITEM NOT OPERATED							
201	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB							
	ITEM NOT OPERATED							
202	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB							
	ITEM NOT OPERATED							
203	Providing and fixing in position below given nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments specification							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
	ITEM NOT OPERATED							
	DRAINAGE WORKS							
204	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion							
	ITEM NOT OPERATED							
205	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion							
	ITEM NOT OPERATED							
206	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion							
	ITEM NOT OPERATED							
207	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).10 cmsx 7.5							
	ITEM NOT OPERATED							
208	Providing and fixing 7.5 cms to 15.00 cms dia NP granting 100 mm dia Pag no 85. Itm 12.111 -							
	ITEM NOT OPERATED							
209	Providing stoneware gully trap of approved quality and make fixing in CC1:2:4 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and leads) (15cms x 10cms)KSRB(Pag no 85. Itm 12.111 - 2							
	ITEM NOT OPERATED							
210	Providing and fixing PVC (6kg/sq.cm) soil waste vent pipe including all fittings, Eg: Bends, tees, elbows collars, juction, inspection doors, cowls, offset acess pipes, jointing with PVC solution, in making bores punctures in slab and wall and making good of the same, cost shall include providing steel brackets and fasterners.							
	ITEM NOT OPERATED							
211	Providing and fixing PVC (6kg/sq.cm) soil waste vent pipe including all fittings, Eg: Bends, tees, elbows collars, juction, inspection doors, cowls, offset acess pipes, jointing with PVC solution, in making bores punctures in slab and wall and making good of the same, cost shall include providing steel brackets and fasterners.							
	ITEM NOT OPERATED							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
212	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x 600mm internal dimensions, total weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications							
	ITEM NOT OPERATED							
213	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom 0.91 deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete 1;3:6 mix using 40mm and downsize granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming IS:12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, foot rests and 12mm thick cememnt plaster on the external surface shall be paid separately)KSRB(Pag no68. Itm 11.37 -							
	ITEM NOT OPERATED							
214	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom 0.91 deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete 1;3:6 mix using 40mm and downsize granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming IS:12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, foot rests and 12mm thick cememnt plaster on the external surface shall be paid separately)KSRB							
	ITEM NOT OPERATED							
215	providing and fixing on wall surface 4 kg/sq.cm HDPE rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications							
	ITEM NOT OPERATED							
							Sub Total	**33908090.57**
	ELECTRICAL WORKS							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
216	Supply and erection of 11Mtr Spun Pole including earth work etc,. complete as per the standard technical specification of BESCOM							
	3rd Bill							
		1				1		
						1	25000.00	25000.00
	Tender Quoted Rates	25000.00					Each	
217	Supply And Fixing of Single Pole Mounted Transformer Kit for 100/250KVA on 11Mtr Spun Pole etc. complete as per the standard technical specification of BESCOM							
	ITEM NOT OPERATED							
218	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.8.8) GOS Set 200 Amps Single break							
	3rd Bill							
		1				1		
						1	15000.00	15000.00
	Tender Quoted Rates	15000.00					Each	
219	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.8.1) H Frame Set							
	3rd Bill							
		1				1		
						1	5000.00	5000.00
	Tender Quoted Rates	5000.00					Each	
220	Supply and fixing of .....cross arm including all Hardware's complete as per the standard technical specification of BESCOM 5.4.3) Horizontal. 50x450x6mm -980mm							
	3rd Bill							
		2				2		
						2	12000.00	24000.00
	Tender Quoted Rates	12000.00					Each	
221	Supplying and Fixing .....including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.9.4) Disc Insulator 70/90 KN							
	ITEM NOT OPERATED							
222	Supplying and Fixing .....including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.9.3)11 KV Pin Insulator							
	3rd Bill							
		3				3		
						3	400.00	1200.00
	Tender Quoted Rates	400.00					Each	

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
223	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.8.8)HT ST Support 50x8 mm							
	ITEM NOT OPERATED							
224	Supply and fixing of .....cross arm including all Hardware's complete as per the standard technical specification of BESCOM 5.4.1)4 Pin 45x45x5mm -1110mm							
	ITEM NOT OPERATED							
225	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.8.10)Horn Gap Fuse Unit (H.G.)							
	3rd Bill							
		1				1		
						1	5000.00	5000.00
	Tender Quoted Rates	5000.00					Each	
226	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM 5.8.12)Lightning Arrestor 9KV 5kA polymeric type.							
	3rd Bill							
		1				1		
						1	5000.00	5000.00
	Tender Quoted Rates	5000.00					Each	
227	Supplying erection, testing and commissioning of 11kV Load Break Switch with 4 wire- (with Neutral) Metering cubicle and connected accessories, hardware's etc. suitable for outdoor type complete as per latest IS standard technical specification. LBS should be approved by BESCOM System :11KV, 3PH, 50HZ,Fault level: 350 MVA.Installation : OUTDOOR. a.Onload AIR BREAK switch with fuse trip mechanism.,3P,400A, 12KV,18.4 KA, 350MVA - 1 no b.11KV HRC Fuses with triping striker pin suitable Amps - 3nos c.Aluminium busbar, suitable rating 3 Phase,Air insulated with heat shrinkable sleevs - 1set d.Earth 25X3 mm Tin coated copper busbar - 1set e.Busbar supports resin cast with 33KV die electric and mechanical strength - 1 set							
	3rd Bill							
		1				1		
						1	400000.00	400000.00
	Tender Quoted Rates	400000.00					Each	
228	Caution/Danger Board as per Drawing No. BESCOM/GM/CP/40/Dt: 24.10.07							
	3rd Bill							
		2				2		
						2	250.00	500.00
	Tender Quoted Rates	250.00					No	

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
229	GI Pipes B - Class GI Pipe - 150 mm Dia Dia 768058							
	ITEM NOT OPERATED							
230	**TRANSFORMER:-** Supplying, erecting, testing and commissioning of ..... KVA capacity Copper wound Distribution Transformer 11KV/433V with Off Load Tap Switch, Buchholtz relay winding temperature indicator, oil temperature indicator, marshalling box with wiring, magnetic oil level indicator with +5% to-10% Steps of 2.5% with HT and LT cable end boxes including all standard accessories as per latest IS standard technical specification. 8.10.2) 100 KVA							
	3rd Bill							
		1				1		
						1	250000.00	250000.00
	Tender Quoted Rates	250000.00					Each	
231	**LT KIOSK:-** LT Distribution Box for 63/100 KVA Transformer with 1No 160Amps 25kA 4Pole MCCB, suitable capacity aluminum bus bar mounted in 16SWG powder coated M.S.Box suitable to mount at Transformer Centre as per BESCOM.							
	3rd Bill							
		1				1		
						1	150000.00	150000.00
	Tender Quoted Rates	150000.00					Set	
	B. EARTHING SYSTEM							
232	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia							
	3rd Bill							
		6				6		
						6	5000.00	30000.00
	Tender Quoted Rates	5000.00					Each	
233	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.							
	3rd Bill							
		6				6		
						6	5000.00	30000.00
	Tender Quoted Rates	5000.00					Each	

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
234	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 7.3.6) 25x3mm Copper strip							
	3rd Bill							
			17.00			17.00		
						17.00	**300.00**	**5100.00**
	Tender Quoted Rates	**300.00**					Mtr	
235	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 7.3.7) 25x6mm Copper strip							
	ITEM NOT OPERATED							
236	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required.7.3.10) 600x600x3mm plate							
	ITEM NOT OPERATED							
237	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 7.3.1) 25x3mm GI strip							
	ITEM NOT OPERATED							
238	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 7.3.3) 40x6mm GI strip							
	3rd Bill							
			4.00			4.00		
						4.00	**250.00**	**1000.00**
	Tender Quoted Rates	**250.00**					Mtr	
239	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 7.3.5) 600x600x3mm GI Plate							
	3rd Bill							
		4				4		
						4	**250.00**	**1000.00**
	Tender Quoted Rates	**250.00**					Each	
240	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 7.22.3) 8 SWG							
	3rd Bill							
			35.00			35.00		
						35.00	**20.00**	**700.00**
	Tender Quoted Rates	**20.00**					Mtr	
	PART C:-L.T Panel boards and distribution boards							
	1.0) Main LT Panel							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
241	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 6.40.1) 14SWG							
	ITEM NOT OPERATED							
242	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.5) 75x150x75x6mm C channel							
	ITEM NOT OPERATED							
243	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 6.13.8) 200Amps 35kA.**(Incoming)**							
	ITEM NOT OPERATED							
244	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE6.13.7) 125-160Amps 25kA.**(Outgoing)**							
	ITEM NOT OPERATED							
245	Supplying and fixing of Shunt trip suitable for MCCB.CBCT.							
	ITEM NOT OPERATED							
246	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16.1) 5-32Amps SP							
		3				3		
	Tender Quoted Rates	**500.00**				**3**	**500.00**	**1500.00**
							Each	
247	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16.5) 5-32Amps TPN **(Outgoing)**							
	3rd Bill							
		4						
						4		
	Tender Quoted Rates	**3500.00**				**4**	**3500.0**	**14000.0**
							Each	
248	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.							
	ITEM NOT OPERATED							
249	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
	ITEM NOT OPERATED							
250	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter.							
	ITEM NOT OPERATED							
251	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT							
	ITEM NOT OPERATED							
252	Supplying, fixing and wiring rotary selector switch suitable for Ammeter.							
	ITEM NOT OPERATED							
253	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.							
	ITEM NOT OPERATED							
254	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound.							
	ITEM NOT OPERATED							
255	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board.							
	ITEM NOT OPERATED							
256	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips							
	ITEM NOT OPERATED							
257	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.6.12.1) 25Amps							
	ITEM NOT OPERATED							
258	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machinery.							
	ITEM NOT OPERATED							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
259	Supplying, fixing and wiring Automatic Power Factor controller fully, static units controlled by 14 stage microprocessor operation, relays LED display, self programming function for power stages and operating logic checking facility for healthy and efficient of each individual capacitor bank, measurement of network harmonics with indication when limit values are exceeded, Comprehensive displays with large, three place LED display, Long term memory for settings, protection for over voltage, power factor correction fault and no voltage, to connect / disconnect banks, with automatic recognition or with standard programs.							
	ITEM NOT OPERATED							
	2.0) PUMP Panel (OUT DOOR TYPE)							
260	Panel size:185 cms X 120Cms X 30 Cms Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof							
	ITEM NOT OPERATED							
261	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.5) 75x150x75x6mm C channel							
	ITEM NOT OPERATED							
262	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947.							
	ITEM NOT OPERATED							
263	Supplying and fixing of Shunt trip suitable for MCCB.CBCT.							
	ITEM NOT OPERATED							
264	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16.1) 5-32Amps SP							
	ITEM NOT OPERATED							
265	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16.5) 40-63 Amps TPN **(Outgoing)**							
	ITEM NOT OPERATED							
266	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.							
	ITEM NOT OPERATED							
267	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.							
	ITEM NOT OPERATED							
268	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter.							

S.No	DESCRIPTION OF WORK	N	L	B	D	QTY	RATE/ UNIT	AMOUNT
	ITEM NOT OPERATED							
269	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT							
	ITEM NOT OPERATED							
270	Supplying, fixing and wiring rotary selector switch suitable for Ammeter.							
	ITEM NOT OPERATED							
271	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound.							
	ITEM NOT OPERATED							
272	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.							
	ITEM NOT OPERATED							
273	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor. 6.2.1) Upto 12.5 HP							
	ITEM NOT OPERATED							
274	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips							
	ITEM NOT OPERATED							
	3.0) MCB Distribution Boards							
275	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 6.17.7) 4Way TP &N							
	ITEM NOT OPERATED							
276	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16.5) 5-32 Amps TPN							
	3rd Bill							
		3				3		
						3	3000.00	9000.00
	Tender Quoted Rates	3000.00					Each	